

Claims

What I claim as my invention is:

1. A publishing system, comprising:
 - a database adapted to store a plurality of documents;
 - a plurality of computers, each of which is adapted to be coupled to said database;
 - a network connecting said plurality of computers together for communication of data
- 5 relating to said plurality of documents among said plurality of computers and said database;
 - means for submitting a new document to said database;
 - means for collaboratively reviewing said new document;
 - means for editing said reviewed new document;
 - means for relating said new document to said plurality of documents; and
 - 10 means for publishing a journal of a selected portion of said plurality of documents.
2. The system according to claim 1, wherein said plurality of computers comprises a server and a plurality of clients.
3. The system according to claim 2, wherein said server comprises a web server and said plurality of clients each further comprise a browser.
4. The system according to claim 3, wherein said submitting means further comprises first means for translating said new document from a first data format to a second data format.
5. The system according to claim 4, wherein said first data format comprises a native word processor format and said second data format comprises a format compatible to said browser.
6. The system according to claim 5, wherein said publishing means further comprises second means for translating said selected portion of said plurality of documents from said second data format to a third data format.
7. The system according to claim 6, wherein said third data format comprises a format selected from the group consisting of conventional typesetting formats and conventional page layout formats.

8. The system according to claim 2, wherein said server further comprises means for searching said database.

9. The system according to claim 4, wherein said second data format comprises a hypertext mark-up language (HTML) format.

10. The system according to claim 8, further comprising a removable medium that is adapted to store said database and includes said means for searching said database.

11. The system according to claim 10, wherein said removable medium further comprises means for communicating with said server.

12. The system according to claim 11, wherein said communicating means comprises said browser.

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13. A publishing method, comprising the steps of:

providing a computer system at one location, said computer system comprising a database that is adapted to store a plurality of documents, a plurality of computers including a web server and a plurality of clients, each of which is adapted to be coupled to said database through a browser, and a network connecting said plurality of computers together for communication of data relating to said plurality of documents among said plurality of computers and said database;

inputting a new document to said computer system from another location displaced remotely from said one location, said new document having been input in a native word processor format;

translating said new document from said native word processor format to a format compatible with said browser;

storing said new document within said database in both said native word processor format and said browser-compatible format;

relating said new document to said plurality of documents;

accessing said new document in said browser-compatible format;

collaboratively reviewing said new document in said browser-compatible format;

translating said new document from said word processing format to a typesetting format; and

publishing a journal of a selected portion of said plurality of documents in said typesetting format.

14. The method according to claim 13, further comprising the step of publishing said journal in said browser-compatible format.

15. The method according to claim 13, further comprising the step of publishing said journal in a format compatible with a removable medium.

16. The method according to claim 13, further comprising the steps of:

assigning a plurality of peer reviewers to review said new document, said plurality of peer reviewers being located at a third location displaced remotely from said one location and said other location; and

notifying said plurality of peer reviewers through said network that said new document is available for review.

17. The method according to claim 16, further comprising the steps of:
associating a review and grading form to said new document;
sending a copy of said associated form and said new document to each of said plurality of peer reviewers;
5 providing means in said associated form for said plurality of peer reviewers to enter their grades and comments;
collecting said associated form from each of said plurality of peer reviewers; and
providing means in an editor center to make decisions regarding publication of said new document.

18. A publishing system, comprising:
a database adapted to store a plurality of documents, each of which was written by one or more authors in a native word processor format;
first server means for managing said database;
5 second server means for hosting an Internet website that is accessible by a plurality of clients, each of which is adapted to be coupled to said database through a browser;
a first code segment for submitting a new document to said database in said native word processor format;
a second code segment for translating said new document from said native word
10 processor format to a browser-compatible format;
a third code segment for reviewing said new document in said browser-compatible format;
means for storing and retrieving said new document in said native word processor format and said browser-compatible format;
15 a fourth code segment for relating said new document to said plurality of documents;
a fifth code segment for translating said plurality of documents from said browser-compatible format to a typesetting format; and
means for publishing a journal in said typesetting format of a selected portion of said plurality of documents.

19. The system according to claim 18, further comprising:
a first code subsegment for inspecting said new document for special characters;
a look-up table storing a plurality of symbols in a plurality of codes representing
said special characters

5 a second code subsegment for looking up in said look up table and comparing same
to determine if said new document contains one or more special characters corresponding to said
plurality of symbols stored therein;

a third code subsegment for translating said one or more special characters into a
standardized code;

10 a fourth code subsegment for inserting said translation into said new document; and
a fifth code subsegment for mapping said new document with said translation
inserted therein to a new file in said database.

20. The system according to claim 18, further comprising means providing a draft center
for collaborative use by a plurality of authors prior to submitting a new document to said system.

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